Message Text

LIMITED OFFICIAL USE

Description

Transmission Casing

BACKGROUND OF INVENTION

- [0001] 1. Field of the Invention.
- [0002] The invention relates to a casing, in particular, a trans-mission casing comprising at least two casing parts that are connected to one another by fastening elements, preferably screws.
- [0003] 2. Description of the Related Art.
- Transmission casings are knowing which are mounted by a flange mount on a motor casing. The transmission casing itself is comprised of two or three casing parts that are connected detachably to one another by means of screws. For receiving the screws, the casing parts are provided with eyes, recesses and the like. The use of such transmission casings in critical areas, for example, in the food industry and food processing industry, is problematic. On the projecting or recessed parts of a transmission casing, dirt particles, germs and the like can deposit; they

can be removed only with difficulty or cannot be removed at all.

SUMMARY OF INVENTION

- [0005] It is an object of the present invention to configure the transmission casing of the aforementioned kind such that it is suitable for use in critical areas, in particular, in the food industry and food processing industry.
- [0006] In accordance with the present invention, this is achieved in that the fastening elements are located within the casing.
- [0007] In the casing according to the invention, the fastening elements are no longer located on the exterior of the casing but are hidden or concealed within the casing. Within the casing, it is possible to provide projecting eyes, recesses and the like for receiving the fastening elements. Since the receiving means are located within the casing, they do not impair the use of the casing in critical areas. The exterior of the casing can be free of projections, recesses and the like because of the configuration proposed by the invention. Therefore, dirt particles, germs and the like will not deposit, or deposit only with difficultly, on such casing. Possibly adhering contaminants can be removed easily. The casing according to the invention is suitable excel-